PATENT ABSTRACTS OF JAPAN

(11)Publication number : 61-000422
(43)Date of publication of application : 06.01.1986

(51)Int.Cl. B01D 39/16

(21)Application number : 59-119762
(22)Date of filing : 13.06.1984

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(54) TUBULAR FILTER MATERIAL

(57)Abstract:
PURPOSE: To obtain a tubular filter material wherein an open-cell porous resin tube is used not only as the support carrier of an open-cell porous resin film but also as a preparatory filter member, by coating the entire outer peripheral surface of said resin tube with said resin film.
CONSTITUTION: A film 12 is wound around a porous tube 11 comprising a polytetrafluoroethylene resin in a spiral form to obtain a tubular filter material 6 which is, in turn, wound in a coil form to obtain a filter mechanism. This tubular filter material 6 generates no craking and breakage and becomes especially suitable for such a process that the end part of the tubular filter material 6 is inserted in the passing hole of an end surface plate 1 and strongly fixed thereto by a stepped opne plug 9. If the film 12 is formed by using the same polytetrafluoroethylene as the tube 11, a tubular filter excellent in chemical resistance and heat resistance is obtained.